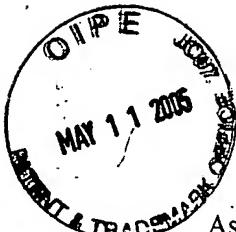


COPY**SUBSTITUTE DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

Attorney Docket No. 00829

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **INTEGRATED FILTRATION AND DETECTION DEVICE**, the specification of which

 is attached hereto

OR

was filed on February 27, 2002, as United States Application No. 10/084,578 or PCT International Application Number _____ and was amended on _____ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in Title 37 Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate, or of any PCT International application having a filing date before that of the application on which priority is claimed.

None			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed
			<input type="checkbox"/> Yes <input type="checkbox"/> No
Number	Country	MM/DD/YYYY Filed	Priority Claimed

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

60/272,233	02/28/2001
Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application (37 C.F.R. § 1.63(d)).

Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned
Appln. Serial No.	Filing Date	Status Patented/Pending/Abandoned

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor, I hereby appoint the following registered attorney(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. I also appoint the following registered attorney(s) to represent me before all competent International Authorities in connection with any and all international applications filed by me with an appropriate receiving office claiming priority to the U.S.

application. I also appoint the following registered attorney(s) to make or receive payment on my behalf in connection with the filing of such international applications.

Jarett K. Abramson
Registration No. 47,376

David D. Beatty
Registration No. 38,071

Robert W. Glatz
Registration No. 36,811

Karen A. Magri
Registration No. 41,965

Julie Richardson
Registration No. 40,142

Kenneth D. Sibley
Registration No. 31,665

Elizabeth A. Stanek
Registration No. 48,568

J. Michael Strickland
Registration No. 47,115

Samir Patel
Registration No. 44,998

Judy Roesler
Registration No. 37,237

Denise Mayfield
Registration No. 33,732

Customer Number 35467

Send correspondence to: Samir R. Patel

Correspondence Address:

35467

35467

PATENT TRADEMARK OFFICE

Direct telephone calls to: Samir R. Patel
(919) 620-2914

Facsimile: (919) 620-2958

Full name of (first/sole) inventor: **James L. DiGuiseppi**

Inventor's
Signature:  Date: 05/07/03

Residence: Durham, North Carolina, 27712

Citizenship: United States of America

Post Office Address: 3003 Umstead Road
Durham, North Carolina 27712

Full name of second inventor: **Diederik Engbersen**

Inventor's
Signature:  Date: 5/16/03

Residence: Ecully, France

Citizenship: The Netherlands

Post Office Address: 82 Chemin des Mouilles
69130 Ecully, France

Full name of third inventor: **Scott R. Jeffrey**

Inventor's
Signature:  Date: 5/14/03

Residence: Clarksville, Virginia 23927

Citizenship: United States of America

Post Office Address: 1410 Lakepoint Drive
Clarksville, Virginia, 23927

Full name of fourth inventor: John Walsh

Inventor's
Signature: John Walsh Date: 5/14/03

Residence: Durham, North Carolina 27713

Citizenship: Australia

Post Office Address: 704 Wellington Drive
Durham, North Carolina 27713